



Express Mail No.: EL 501 632 152 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: R. ZAMBIAS et al.

Serial No.: 09/009,846

Group Art Unit: 1618

Filed: January 20, 1998

Examiner: P. Ponnaluri

For: LOGICALLY ORDERED ARRAYS
OF COMPOUNDS AND METHODS
OF MAKING AND USING THE
SAME

Attorney Docket No.:
5925-061

SUPPLEMENTAL AMENDMENT

Assistant Commissioner for Patents
Box AF
Washington, D.C. 20231

Sir:

Applicants hereby request entry of the following amendments and remarks into the file of this application. Submitted herewith is a Petition under 37 C.F.R. § 1.136(a) to extend the time for response for two months, together with the required fee, and a Fee Transmittal Sheet.

In the Claims:

Please delete claims 1-7, 16 and 19 without prejudice.

Please amend the claims as follows:

11. (Thrice Amended) A method of making a spatially-addressable combinatorial array of at least 500 different compounds in solution in multiple cycles, said method comprising the steps of:

(a) apportioning into a plurality of reaction vessels that are identifiable by their spatial addresses (i) a first plurality of [compounds] reactants, each [compound in the first plurality of compounds] comprising a same first reactive group and a different first structural diversity element such that the [compounds] reactants composing the first plurality differ from one another, with one first [compound] reactant per reaction vessel; and (ii) a second [compound] reactant comprising a second reactive group and a second structural diversity